

# Certified Solar Technician (CST)

**Mode:** Inperson (physical)

**Duration:** Six days from 10 to 5 PM Daily

**Sixth Day:** Discussion with Managers Solar Companies and Final Test

**Suitable for:** All those who want to become Solar installers or Solar Technicians.

**Eligibility:** Minimum Metric

**Scheme:** 70% Practical and 30% Theory.

## Course Outline

Module-1 (Understanding PV modules)

Module- 2 (Understanding Charge Controllers))

Module-3 (Understanding Inverters).

Module-3 (Understanding Cabling and wiring)

Module-4 (Understanding Earthing and Protections)

Module-5 (Practice of installation and commissioning of complete Off-grid and on-grid solar systems (Lab Work)

Module-6 (Operation, Maintenance and troubleshooting of solar PV system.

## KEY TAKEAWAYS

You will be able to,

1. Install, commission, and operate the solar PV system.
2. Troubleshooting and maintenance of solar PV system

## BENEFITS OF THIS COURSE

1. You will get employment in a solar company or any industry or Government as Installers and supervisor or solar technician for operation and maintenance of Solar PV system.
2. You can set up your own solar business of installation, operation, and maintenance of solar PV systems.

## TRAINERS

1. Engr. Faiz Bhutta Master Trainer and CEO ETRC)
2. Engr. Obaid -ur-Rehman – Assistant Manager ETRC (Moderator of this course)
3. Noman Khan – Senior Solar Technician



**National and International certifications both are available for this course.**

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Contact: Program Coordinator at 03475151222 or email at [info@etrc.org.pk](mailto:info@etrc.org.pk)  
For admission visit at [www.etrc.org.pk](http://www.etrc.org.pk)